



1 2223 70
SEQ 15 (1) MCHQQLVISWFSLVFLASPLVAIWELKKDVVVELDWYDPAPGEMVVLTCDTPEEDGITWTLDQSSSEVLG
SEQ 08 (1) MCHQQLVISWFSLVFLASPLVAIWELKKDVVVELDWYDPAPGEMVVLTCDTPEEDGITWTLDQSSSEVLG
SEQ 09 (1) MCHQQLVISWFSLVFLASPLVAIWELKKDVVVELDWYDPAPGEMVVLTCDTPEEDGITWTLDQSSSEVLG
SEQ 10 (1) MCHQQLVISWFSLVFLASPLVAIWELKKDVVVELDWYDPAPGEMVVLTCDTPEEDGITWTLDQSSSEVLG
SEQ 11 (1) MCHQQLVISWFSLVFLASPLVAIWELKKDVVVELDWYDPAPGEMVVLTCDTPEEDGITWTLDQSSSEVLG
SEQ 12 (1) MCHQQLVISWFSLVFLASPLVAIWELKKDVVVELDWYDPAPGEMVVLTCDTPEEDGITWTLDQSSSEVLG
SEQ 13 (1) MCHQQLVISWFSLVFLASPLVAIWELKKDVVVELDWYDPAPGEMVVLTCDTPEEDGITWTLDQSSSEVLG
SEQ 14 (1) MCHQQLVISWFSLVFLASPLVAIWELKKDVVVELDWYDPAPGEMVVLTCDTPEEDGITWTLDQSSSEVLG
71 140
SEQ 15 (71) SGKTLTIQVKEFGDAGQYTCRKGGAVLSHLLLLHKKEDGIWSTDILKDQKEPKNKTFILRCEAKNYSGRF
SEQ 08 (71) SGKTLTIHVKKEFGDAGQYTCRKGGAVLSHLLLLHKKEDGIWSTDILKDQKEPKNKTFILRCEAKNYSGRF
SEQ 09 (71) SGKTLTIHVKKEFGDAGQYTCRKGGAVLSHLLLLHKKEDGIWSTDILKDQKEPKNKTFILRCEAKNYSGRF
SEQ 10 (71) SGKTLTIHVKKEFGDAGQYTCRKGGAVLSHLLLLHKKEDGIWSTDILKDQKEPKNKTFILRCEAKNYSGRF
SEQ 11 (71) SGKTLTIHVKKEFGDAGQYTCRKGGAVLSHLLLLHKKEDGIWSTDILKDQKEPKNKTFILRCEAKNYSGRF
SEQ 12 (71) SGKTLTIHVKKEFGDAGQYTCRKGGAVLSHLLLLHKKEDGIWSTDILKDQKEPKNKTFILRCEAKNYSGRF
SEQ 13 (71) SGKTLTIHVKKEFGDAGQYTCRKGGAVLSHLLLLHKKEDGIWSTDILKDQKEPKNKTFILRCEAKNYSGRF
SEQ 14 (71) SGKTLTIHVKKEFGDAGQYTCRKGGAVLSHLLLLHKKEDGIWSTDILKDQKEPKNKTFILRCEAKNYSGRF
141 209
SEQ 15 (141) TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQCEDSACPAAEESLPIE
SEQ 08 (141) TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQCEDSACPAAEESLPIE
SEQ 09 (141) TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQCEDSACPAAEESLPIE
SEQ 10 (141) TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQCEDSACPAAEESLPIE
SEQ 11 (141) TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQCEDSACPAAEESLPIE
SEQ 12 (141) TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQCEDSACPAAEESLPIE
SEQ 13 (141) TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQCEDSACPAAEESLPIE
SEQ 14 (141) TCWWLTTISTDLTF SVKSSRGSSDPQGVTCGAATLSAERVGRDN-KEYEYSVEQCEDSACPAAEESLPIE

Fig. 1A

210 279

SEQ 15 (210) VMVDAVHKLKYENYTSFFIRDI IKDPDPKKNLQLKPLKNSRQVEVSWEYPTWSTPHSYFSLTFCVQVQG

SEQ 08 (206) VVVEAVHKLKYENYTSFFIRDI IKDPDPKKNLQLKPLKNSRQVEVSWEYPTWSTPHSYFSLTFCVQVQG

SEQ 09 (211) VVVEAVHKLKYENYTSFFIRDI IKDPDPKKNLQLKPLKNSRQVEVSWEYPTWSTPHSYFSLTFCVQVQG

SEQ 10 (211) VVVDALHKLKYENYTSFFIRDI IKDPDPKKNLQLKPLKNSRQVEVSWEYPTWSTPHSYFSLTFCVQVQG

SEQ 11 (211) VVVDALHKLKYENYTSFFIRDI IKDPDPKKNLQLKPLKNSRQVEVSWEYPTWSTPHSYFSLTFCVQVQG

SEQ 12 (206) VVVEAVHKLKYENYTSFFIRDI IKDPDPKKNLQLKPLKNSRQVEVSWEYPTWSTPHSYFSLTFCVQVQG

SEQ 13 (206) VVVEAVHKLKYENYTSFFIRDI IKDPDPKKNLQLKPLKNSRQVEVSWEYPTWSTPHSYFSLTFCVQVQG

SEQ 14 (211) VVVDALHKLKYENYTSFFIRDI IKDPDPKKNLQLKPLKNSRQVEVSWEYPTWSTPHSYFSLTFCVQVQG

280 328

SEQ 15 (280) KSKREKKDRVFTDKTSATVICRKNASISVRAQDRYYSSSWSEWASVPCS--

SEQ 08 (276) KSKREKKDRVFTDKTSATVICRKNASIRVQARDRYYSSSWSEWASVPCS--

SEQ 09 (281) KSKREKKDRVFTDKTSATVICRKNASIRVQARDRYYSSSWSEWASVPCS--

SEQ 10 (281) KSKREKKDRVFTDKTSATVICRKNASIRVQARDRYYSSSWSEWASVPCS--

SEQ 11 (281) KSKREKKDRVFTDKTSATVICRKNASIRVQARDRYYSSSWSEWASVPCS--

SEQ 12 (276) RSKREKKDRVFTDKTSATVICRKNASIRVQARDRYYSSSWSEWASVPCS--

SEQ 13 (276) RSKREKKDRVFTDKTSATVICRKNASIRVQARDRYYSSSWSEWASVPCS--

SEQ 14 (281) KSKREKKDRVFTDKTSATVICRKNASIRVQARDRYYSSSWSEWASVPCS--

Fig. 1B

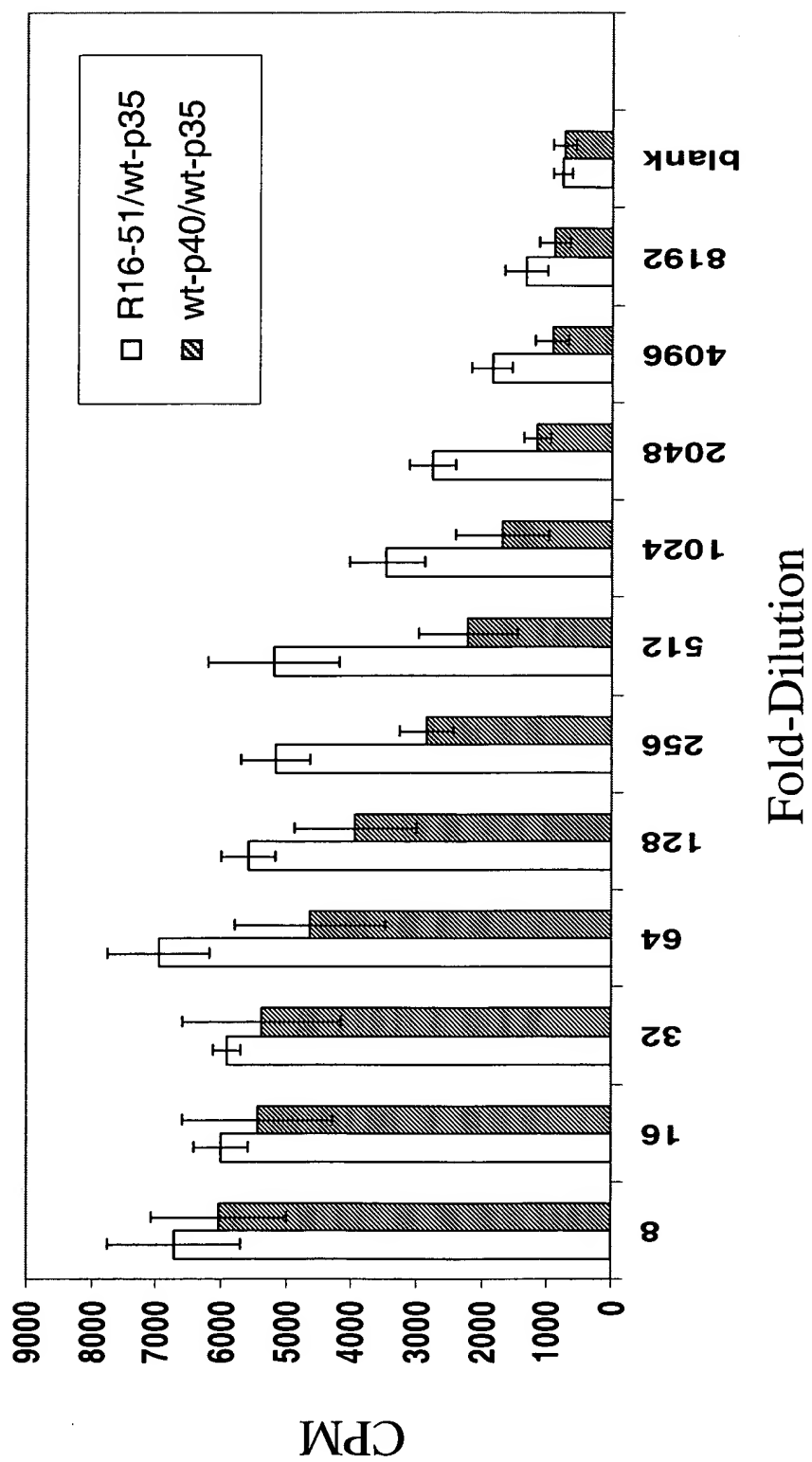


Fig. 2

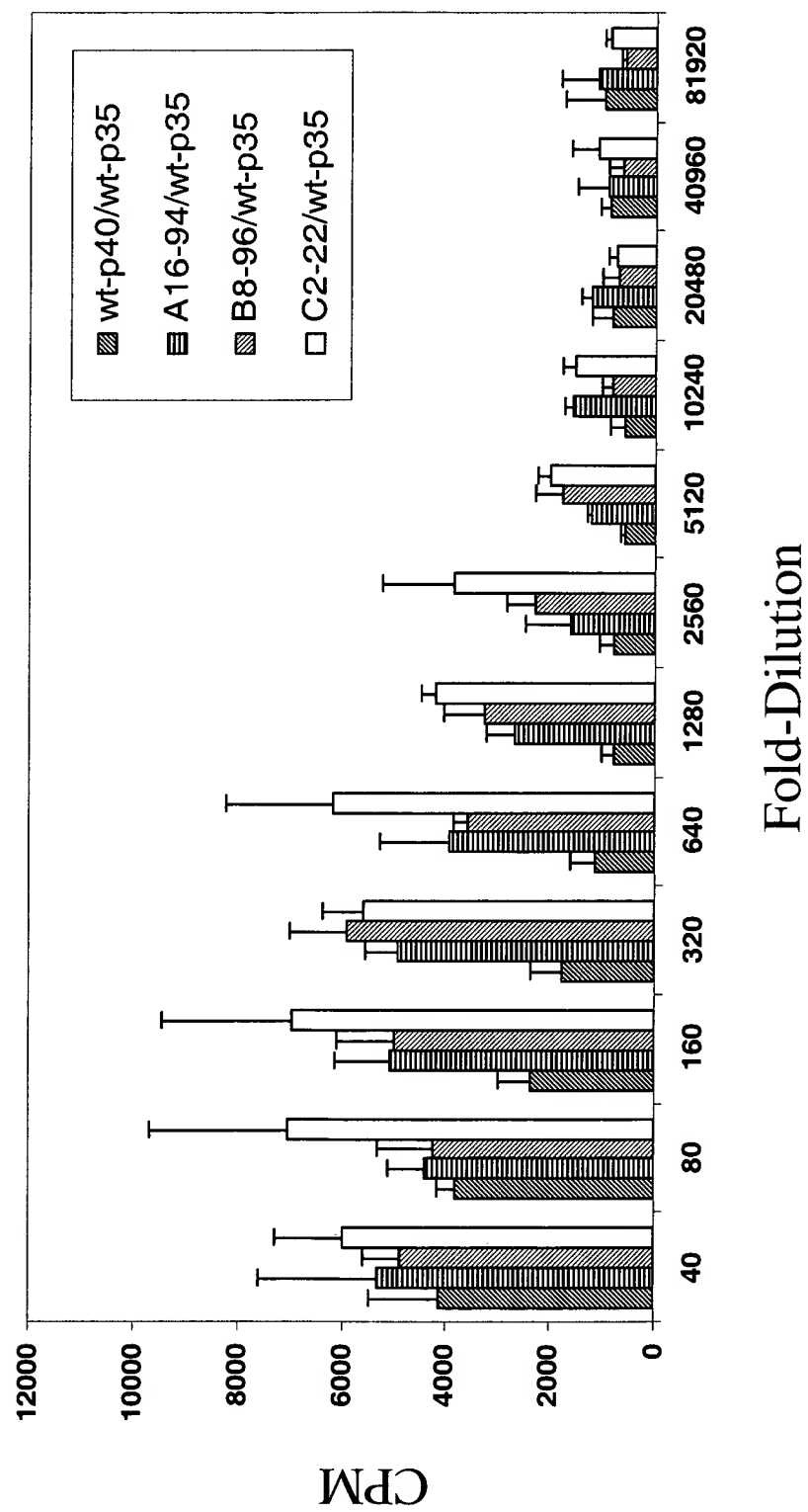


Fig. 3

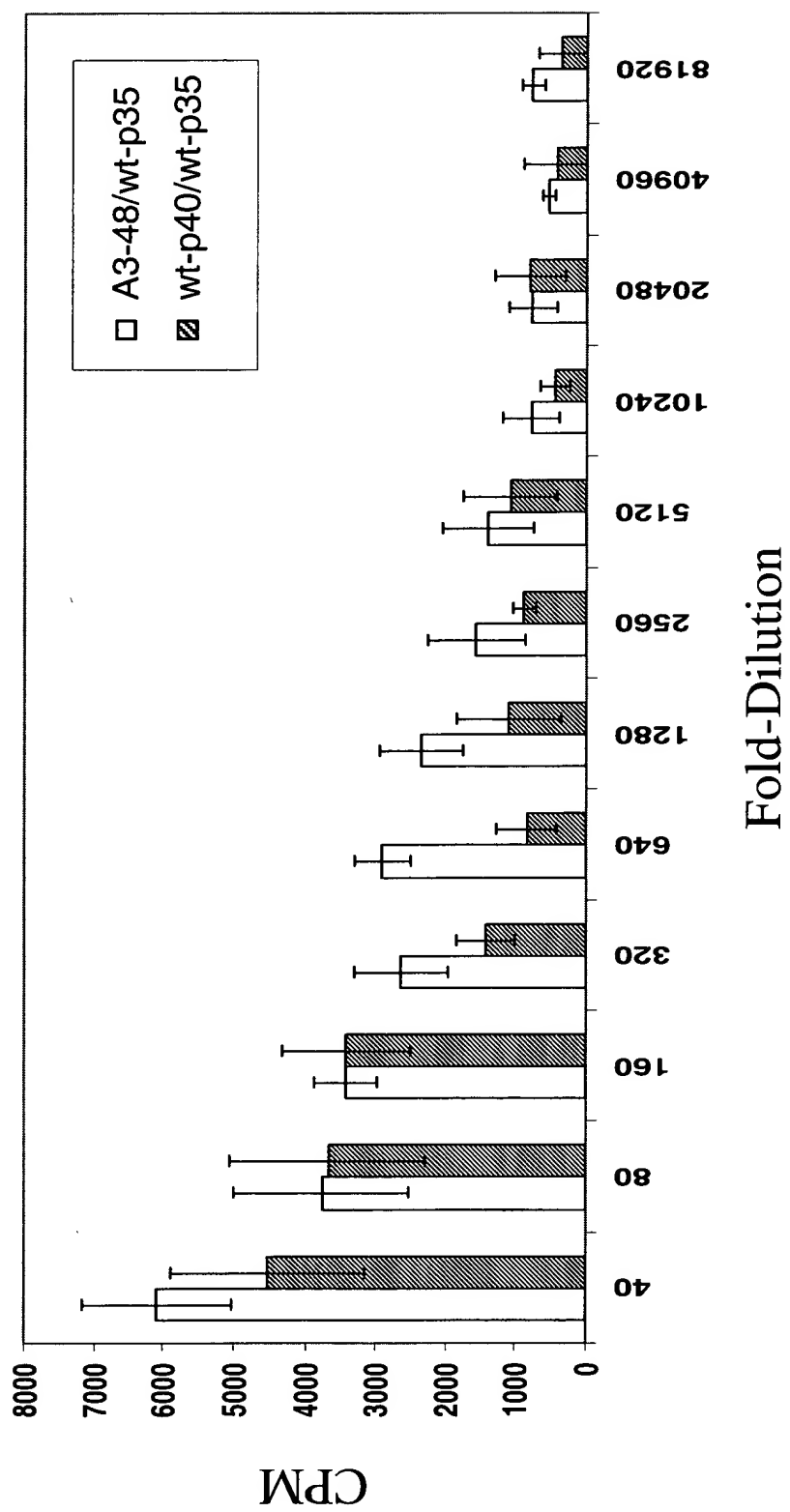


Fig. 4

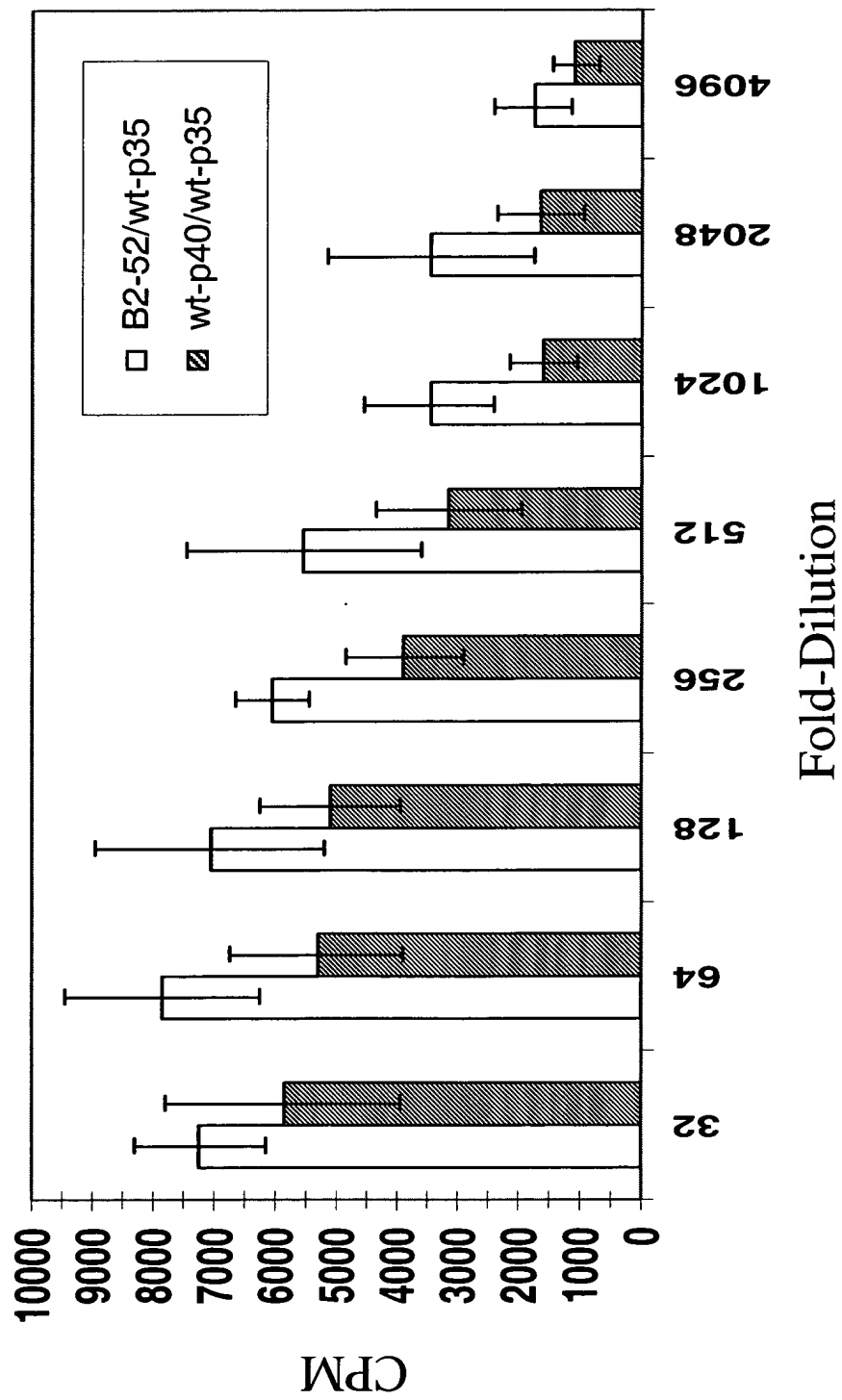


Fig. 5

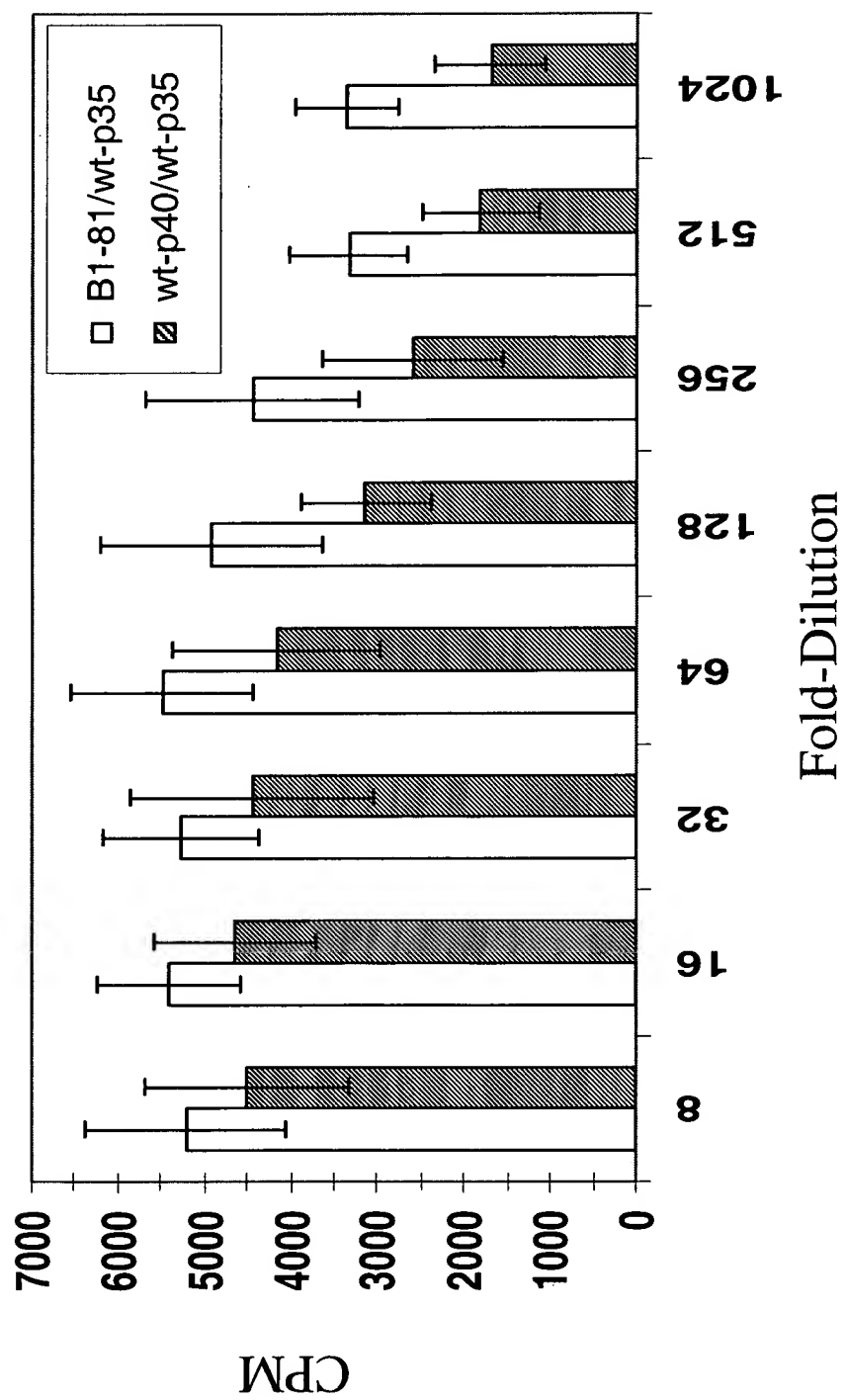


Fig. 6

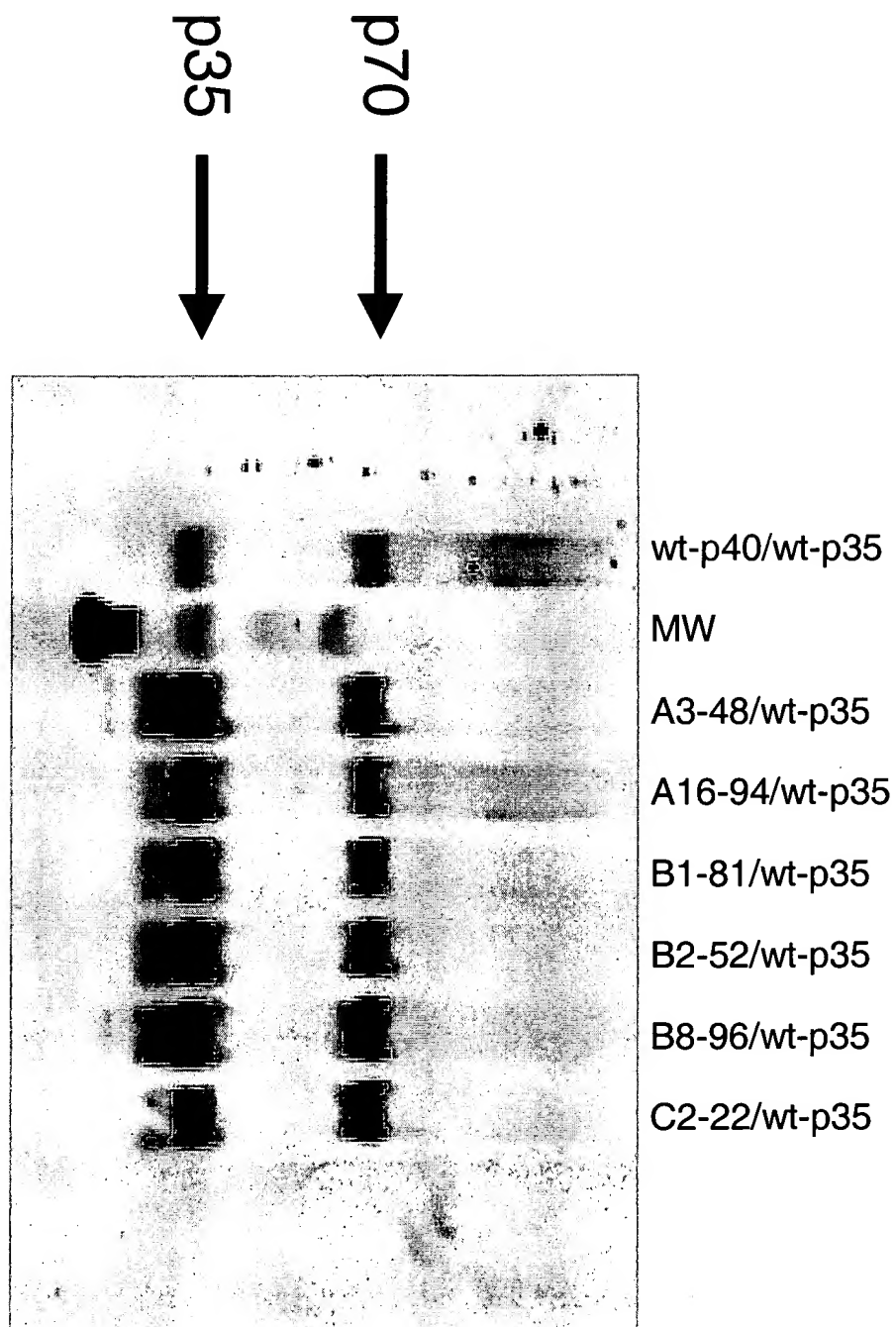


Fig. 7

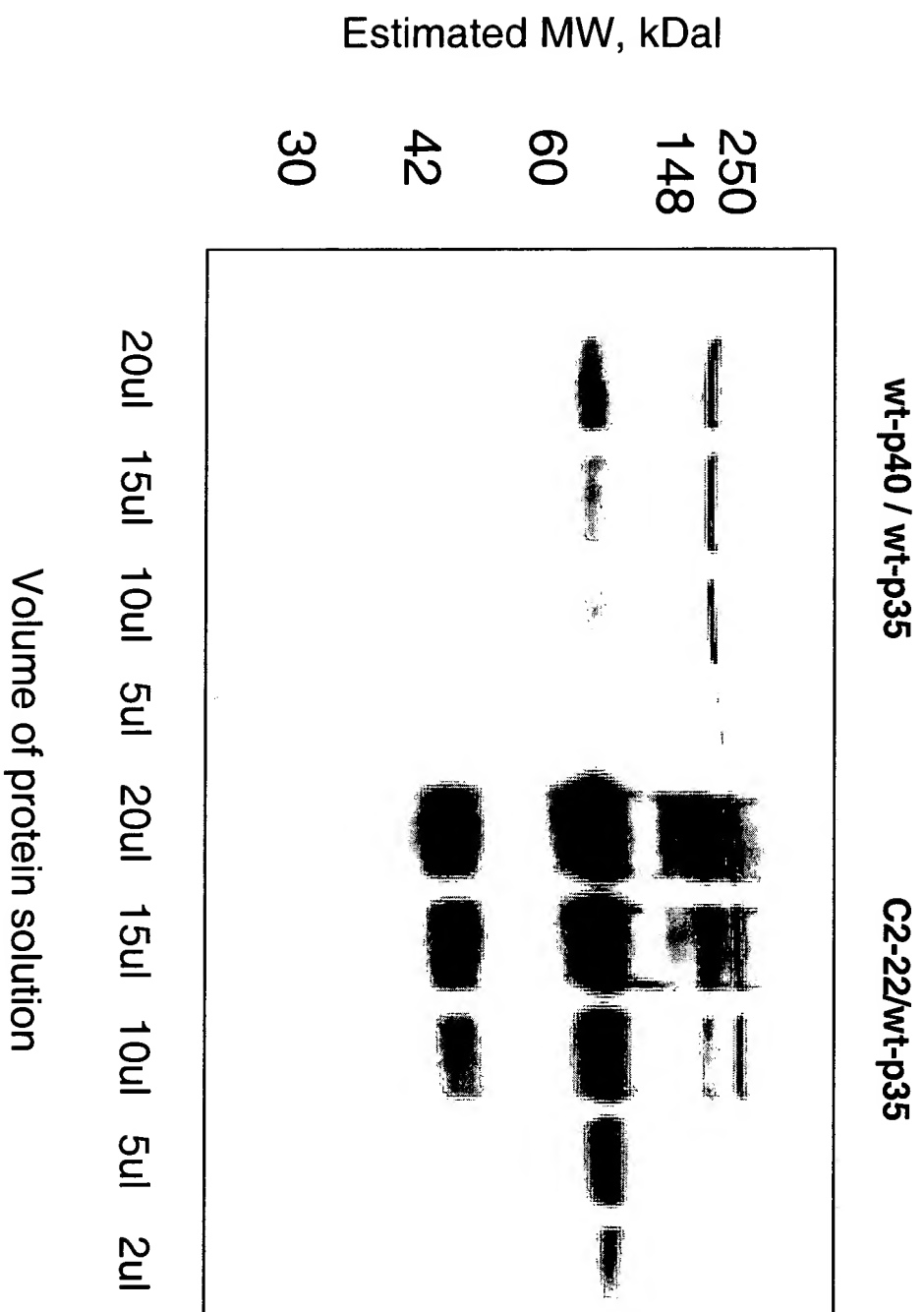


Fig. 8

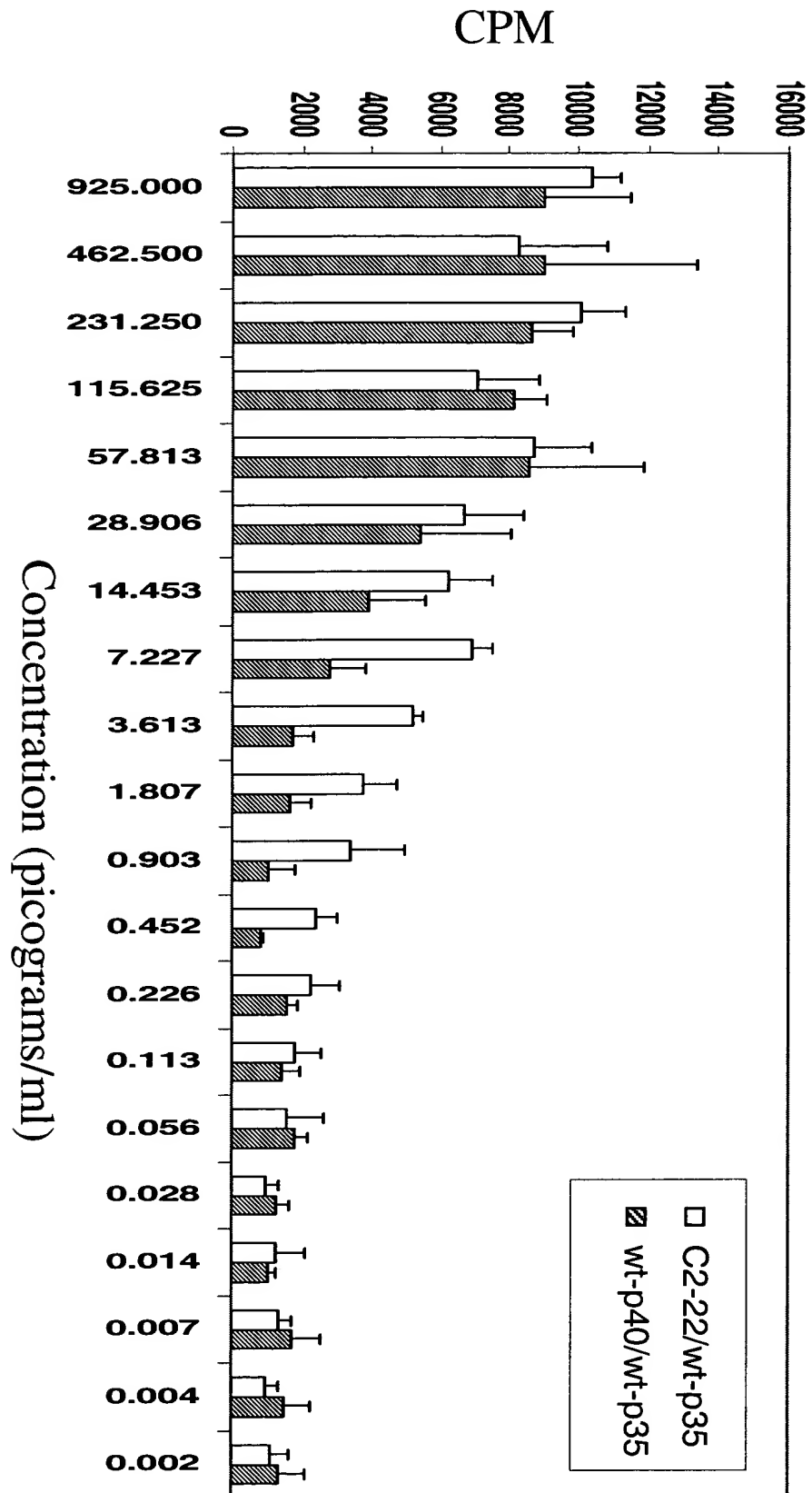


Fig. 9

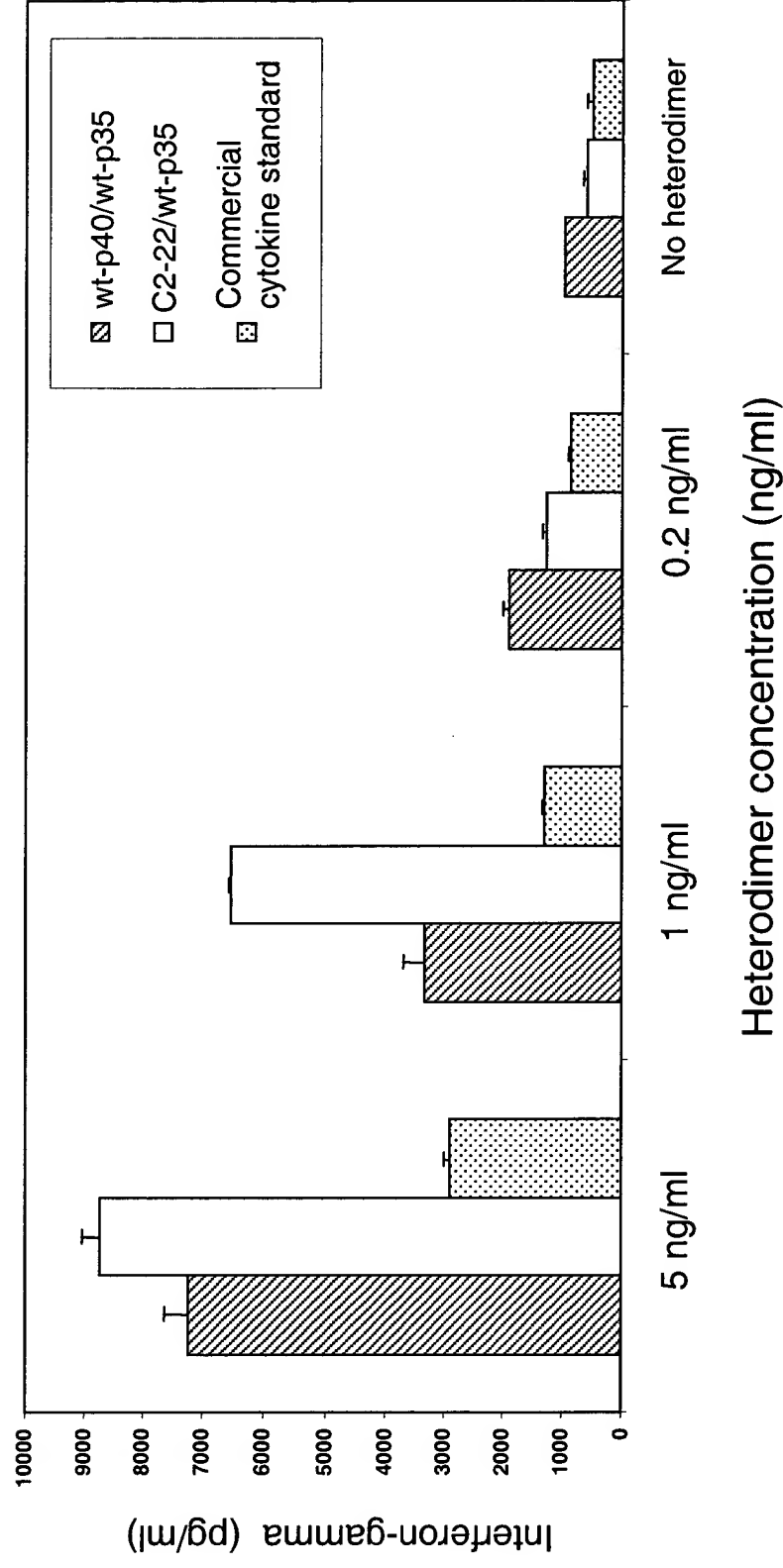


Fig. 10



1 223 67
SEQ_36 (1) MCPARSLLLVATLVLLDHL---SLARNLPVATPDPGMF PCLHHSQNLRLRAVSNMLQKARQTLFYPCTSE
SEQ_26 (1) MCPARSLLLISTLVLLHHLPHLSIGRSLPTTASPGRS-CLDYSQNLKAAASNILQKARQTLFYPCTSE
SEQ_27 (1) MCPARSLLLISTLVLLHHLPHLSIGRSLPTTASPGRS-CLDYSQNLKAAASNILQKARQTLFYPCTSE
SEQ_28 (1) MCPARSLLLVATLVLLDHL---SLARNLPVATPDPGMF PCLHHSQNLRLRAVSNMLQKARQTLFYPCTSE
SEQ_29 (1) MCPARSLLLVATLVLLDHL---SLARNLPVATPDPGMF PCLHHSQNLRLRAVSNMLQKARQTLFYPCTSE
SEQ_30 (1) MCPARSLLLVATLVLLDHL---SLARNLPVATPDPGMF PCLHHSQNLRLRAVSNMLQKARQTLFYPCTSE
SEQ_31 (1) MCPARSLLLVATLVLLDHL---SLARNLPVATPDPGMF PCLHHSQNLRLRAVSNMLQKARQTLFYPCTSE
SEQ_32 (1) MCPARSLLLVATLVLLDHL---SLARNLPVATPDPGMF PCLHHSQNLRLRAVSNMLQKARQTLFYPCTSE
SEQ_33 (1) MCPARSLLLVATLVLLDHL---SLARNLPVATPDPGMF PCLHHSQNLRLRAVSNMLQKARQTLFYPCTSE
SEQ_34 (1) MCPARSLLLVATLVLLDHL---SLARNLPVATPDPGMF PCLHHSQNLRLRAVSNMLQKARQTLFYPCTSE
SEQ_35 (1) MCPARSLLLVATLVLLDHL---SLARNLPVATPDPGMF PCLHHSQNLRLRAVSNMLQKARQTLFYPCTSE

68 137
SEQ_36 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE
SEQ_26 (70) EIDHEDITKDKTSTVEACLPLELTKNESCLASRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE
SEQ_27 (70) EIDHEDITKDKTSTVEACLPLELTKNESCLASRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE
SEQ_28 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE
SEQ_29 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLASRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE
SEQ_30 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE
SEQ_31 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLASRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE
SEQ_32 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE
SEQ_33 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLASRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE
SEQ_34 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLASRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE
SEQ_35 (68) EIDHEDITKDKTSTVEACLPLELTKNESCLNSRETSTITNGSCLASRKTSFMMALCLSSIYEDLKMYQVE

Fig. 11A

SEQ_36	(138)	FKTMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	207
SEQ_26	(140)	FKAMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	
SEQ_27	(140)	FKAMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	
SEQ_28	(138)	FKTMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	
SEQ_29	(138)	FKAMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	
SEQ_30	(138)	FKAMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	
SEQ_31	(138)	FKTMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	
SEQ_32	(138)	FKTMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	
SEQ_33	(138)	FKAMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	
SEQ_34	(138)	FKAMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	
SEQ_35	(138)	FKTMNAKLLMDPKRQIFLDQNNMLAVIDELMQALNFNSETVPQKSSLEEDFYKTKIKLCILLHAFRIRAV	
138			
SEQ_36	(208)	TIDRVTSYLNAS	219
SEQ_26	(210)	TIDRMMSYLNSS	
SEQ_27	(210)	TINRMMSYLNSS	
SEQ_28	(208)	TINRMMSYLNSS	
SEQ_29	(208)	TINRMMSYLNSS	
SEQ_30	(208)	TINRMMSYLNSS	
SEQ_31	(208)	TINRMMSYLNSS	
SEQ_32	(208)	TINRMMSYLNSS	
SEQ_33	(208)	TINRMMSYLNSS	
SEQ_34	(208)	TIDRMMSYLNSS	
SEQ_35	(208)	TINRMMSYLNSS	
208			

Fig. 11B

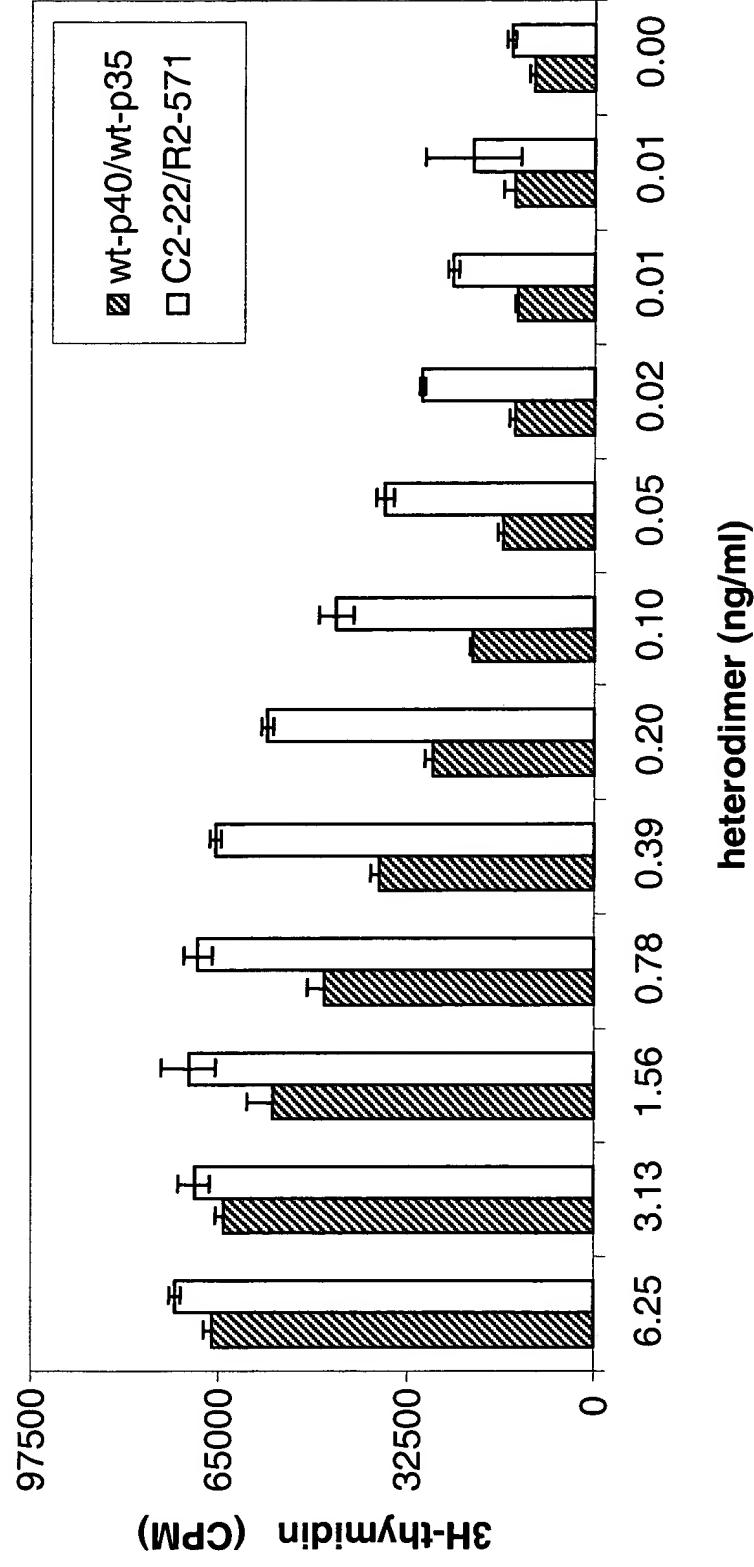


Fig. 12

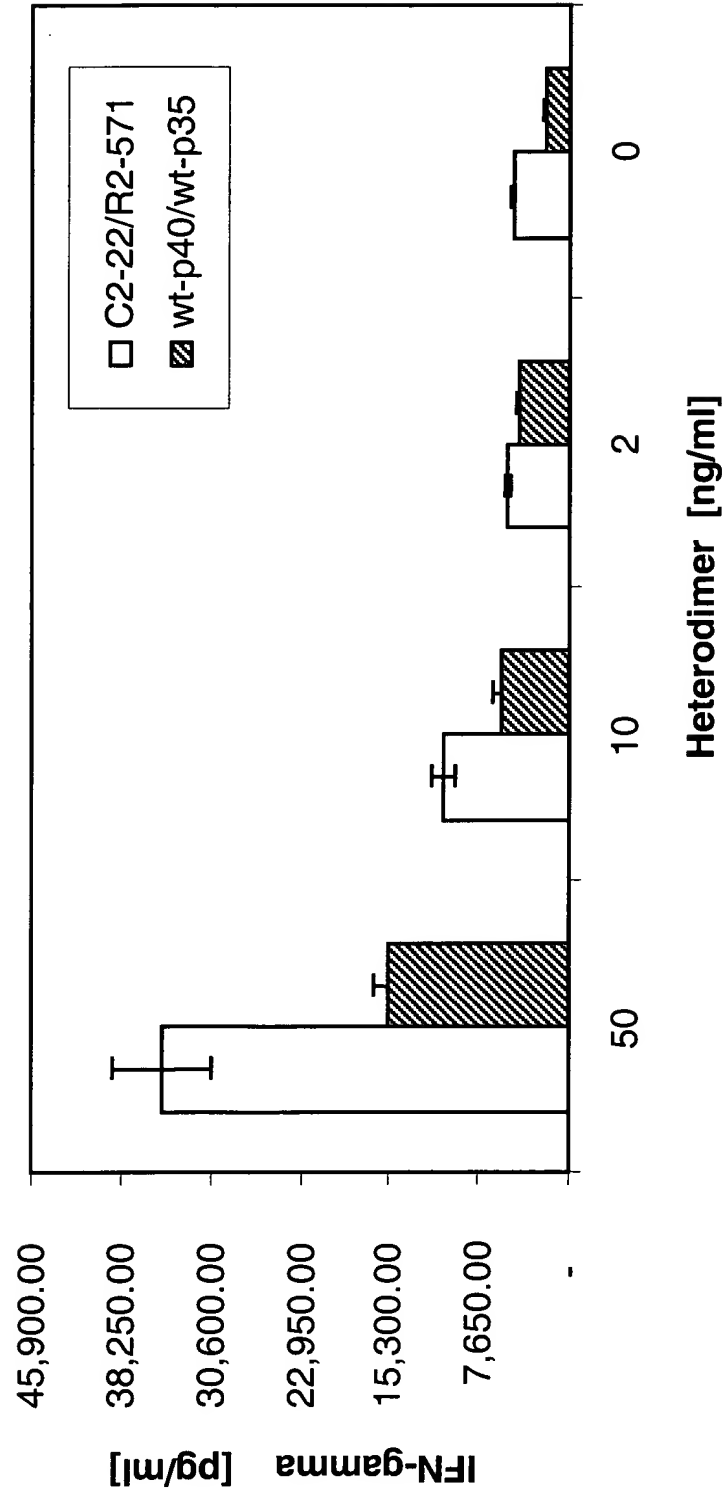


Fig. 13

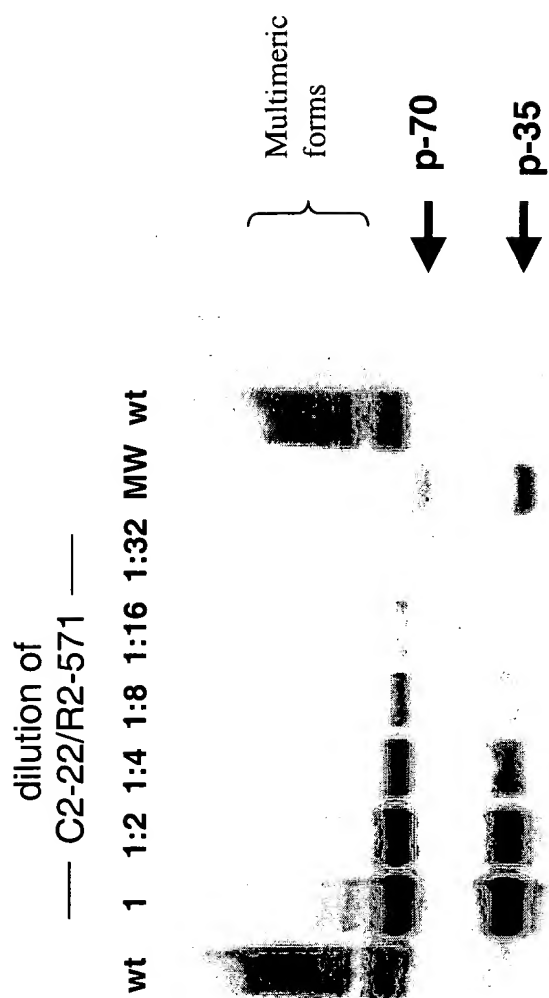


Fig. 14